



*Commonwealth
Data
Center*
(502) 564-7576

www.tech.ky.gov



Commonwealth Data Center

The CDC opened in 1978 to support a centralized mainframe-computing platform. Today, the CDC is a modern, organized, efficient, well-equipped and logically oriented Data Center space. Additionally, it is a secure, properly sized and functional Data Center, providing the necessities of a modern and diverse computing environment as well as being positioned for future requirements.

The Commonwealth Data Center is the facility designed and equipped to house mission critical computer systems, information and associated components. Our Data Center should be considered the brain of a company; without it, business can cease to communicate, perceive, remember and create.

Information Technology (IT) components are critical to the delivery of the core business functions. The CDC is a facility designed to mitigate the risk surrounding critical systems by hosting them in a "hardened" facility and ensuring guaranteed business continuity and information protection where needed.

The CDC allows agencies to reap the benefits associated with the reduced cost of technical personnel, utilities, software and hardware components as well as maintenance and support contracts.



Key Benefits of the Commonwealth Data Center

Risk Management

- *Constructed exclusively for Data Center requirements
- *59,000 sq. ft. resistant to earthquakes, tornadoes, fire, storms, electrical outages, out of the flood plain
- *30,000 sq. ft. designed specifically to house, protect, and guarantee availability of technology needs
- *Disaster Recovery Program well documented, understood, and in place
- *Business Continuity Programs continuously under development
- *Floor-space available for caged environments
- *Not a public facility open to casual traffic and risk introduction, nor marked externally

Security

- *Multi-Layered Restricted Physical Access
- *Dedicated technical security staff and security process
- *Internal and External video surveillance continuously monitoring
- *Consistent, industry-best-practices security management, policies and procedures in place
- * Kentucky State Police Security Guards on duty 24/7/365
- *Perimeter of physical structure protected with concrete and steel bollards
- *Adherence to Federal Information Protection Guidelines
- *Meets or exceeds Federal Privacy Guidelines

Reliability

- *Professional, competent technical staff with overlap of coverage areas and understanding, continually updated
- *Enhanced Environmental Systems
- *Comprehensive fire-suppression
- *Environmentally-controlled facility, monitored 24/7/365
- *Enhanced Internal Power Systems
- *Fully redundant, parallel and isolated power feeds from separate, diverse power grids
- *Full, enterprise-class power conditioning
- *Fully redundant industrial-based uninterruptible power system
- *Dedicated redundant power generation facilities
- *Redundant onsite, and off site, data and application backup and availability
- *Fully redundant and isolated connection paths
- *Fully redundant and isolated infrastructure components



Services

- *Floor space available for agency data and applications servers
- *24/7/365 Monitoring of critical infrastructure components
- *Disaster Recovery Services for COT-hosted and maintained services
- *Long or Short-term onsite and offsite data storage services available
- *Security and reliability testing for both applications and infrastructure components

Reduced Cost

- *Eliminates redundant costs for IT services such as training, technical staff, management, and facilities
- *Eliminates redundant costs for IT services such as hardware, floor space, maintenance and other licenses
- *State-owned, mortgage-free, centrally located facility already in place

Oversight

- *Professional Risk/Vulnerability Assessments, Internal and formal External Audits ensure strict adherence to security, governance practice, policies, and procedures.
- *Comprehensive Asset inventory tracking, software licensing available



The CDC also illustrates Kentucky's commitment to protecting Commonwealth data, all-the-while collectively reducing IT management and resource cost. The CDC is a critical factor in advancing the Commonwealth's core technical requirements and strategic IT initiatives. These initiatives include reducing the total cost of computing operations, becoming more agile in responding to the business needs of agencies, citizens and businesses, while enhancing confidentiality, integrity and availability of information.



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